TECHNICAL DATA SHEET

OKCHN224

Conveyor and process belts · construction SILON 25 W

ORIONTEK

ENGINEERING GOOD SOLUTIONS

Manufactured in Europe to Oriontek specification. Supplied, fabricated and installed by Oriontek.

01 COMPOSITION

CONVEYING SURFACE	
Material	**Non-woven polyester (PET)**
Thickness	— mm — in.
Surface pattern	**Rough**
Colour	**White**
Coefficient of friction	**LF**

TEXTILE CARCASS	
Material	**Polyester (PET)**
Plies no.	**3**
Weft type	**Flexible**

DRIVING SURFACE	
Material	**Non-woven polyester (PET)**
Thickness	— mm — in.
Surface pattern	**Rough**
Colour	**White**

02 TECHNICAL SPECIFICATIONS

Total thickness	**2.50** mm *0.10* in.
Weight	**1.30 kg/m2 0.27 lbs./sq.ft**
Elongation at 1%	**10** N/mm *57.0* lbs./in.
Max. admissible pull	**10** N/mm *57.0* lbs./in.
Temperature resistance (1)	**Min. -20 °C -4 °F**
Max. - Single-z joint	**100** °C *212* °F
Max. - Skived joint	**120** °C *248* °F

MINIMUM ROLLER DIAMETER

Knife edge	NO
Bending roller - Single-z joint	**30** mm *1.2* in.
Bending roller - Skived joint	**30** mm *1.2* in.
Counter-bending roller	**50** mm *2.0* in.

COEFFICIENT OF FRICTION ON DRIVING SURFACE

Raw steel sheet	**0.20 [-]**
Laminated plastic/wood	**0.25 [-]**
Steel roller	**0.20 [-]**
Rubberized roller	**0.30 [-]**
Max. production width	**2000** mm *79* in.

(1) use of the belt with limit values may reduce its life

03 COMPLIANCES

- REACH EC 1907/2006 Regulation and Amendments
- EC 1935/2004 Regulation and Amendments
- EC 2023/2006 Regulation and Amendments
- EU 10/2011, 2024/3190 Regulation and
- Amendments
- FDA (Food and Drug Administration)

04 FEATURES

Humidity influence	YES
Suitable to metal detector	YES
Permanent antistatic dynamically (UNI EN ISO 21179)	NO
Static conductivity (UNI EN ISO 284)	NO
Conveying on skid bed	YES
Conveying on rollers	YES
Conveying on skid bed on top and return	YES
Troughed conveying	YES
Swan neck conveying	NO
Inclined conveying	NO
Accumulators belts	YES
Curved conveyor	NO
Chemical resistances	11

05 SUITABLE FOR

- Food: bread
- Packaging
- Industrial laundries
- Food: pizza

06 NOTES

- Due to the product structure, these data represents a guideline only and can be changed without notice.

DISCLAIMER Values are laboratory results measured at +23 °C and 50% relative humidity. They describe the product as tested and do not necessarily reflect conditions of industrial use, nor do they guarantee suitability for a specific application. The customer remains responsible for correct selection and use. Oriontek cannot be held liable for damages arising from use of this product. Specifications may be revised without prior notice.